

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013124\
 Data File : VW027890.D
 Acq On : 31 Jan 2024 19:37
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025590

Quant Time: Feb 01 00:40:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 01 00:34:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	299757	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	282039	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	139990	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	81408	22.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.000%
7) Chloroethane-d5	2.899	69	52684	16.425	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.720%
11) 1,1-Dichloroethene-d2	4.027	65	34649	21.053	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.200%
21) 2-Butanone-d5	7.088	46	45279	74.843	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.680%#
24) Chloroform-d	7.648	84	205125	28.299	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.200%
26) 1,2-Dichloroethane-d4	8.307	65	99173	30.199	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.800%
32) Benzene-d6	8.276	84	405513	25.333	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.320%
36) 1,2-Dichloropropane-d6	9.270	67	119477	26.979	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.920%
41) Toluene-d8	10.325	98	389843	26.050	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.200%
43) trans-1,3-Dichloroprop...	10.575	79	50022	29.058	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	116.240%
47) 2-Hexanone-d5	10.922	63	45651	78.532	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.060%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	108760	34.474	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	137.880%#
66) 1,2-Dichlorobenzene-d4	13.848	152	147029	29.877	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	56426	18.146	ug/L	94
3) Chloromethane	2.229	50	81692	21.141	ug/L	100
5) Vinyl chloride	2.375	62	98925	25.365	ug/L	98
6) Bromomethane	2.789	94	56542	18.620	ug/L	97
8) Chloroethane	2.936	64	46319	18.027	ug/L	96
9) Trichlorofluoromethane	3.271	101	76947	17.194	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	89948	24.696	ug/L #	71
12) 1,1-Dichloroethene	4.051	96	85844	24.076	ug/L	97
13) Acetone	4.149	43	31953	41.325	ug/L	99
14) Carbon disulfide	4.399	76	240387	21.933	ug/L	99
15) Methyl Acetate	4.679	43	32711	31.097	ug/L	94
16) Methylene chloride	4.923	84	97316	22.392	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	96391	25.302	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	138844	29.830	ug/L	99
19) 1,1-Dichloroethane	6.216	63	167515	25.920	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	109467	26.419	ug/L	98
22) 2-Butanone	7.173	43	44237	58.982	ug/L	99
23) Bromochloromethane	7.514	128	52281	29.081	ug/L	93
25) Chloroform	7.679	83	183806	27.510	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	111524	29.532	ug/L	97
29) Cyclohexane	7.959	56	127284	22.180	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	140733	24.879	ug/L	99
31) Carbon tetrachloride	8.069	117	123264	25.120	ug/L	94
33) Benzene	8.319	78	391485	25.147	ug/L	100
34) Trichloroethene	9.093	95	107961	25.371	ug/L	97
35) Methylcyclohexane	9.331	83	164710	22.998	ug/L	98
37) 1,2-Dichloropropane	9.368	63	97414	25.974	ug/L	100
38) Bromodichloromethane	9.642	83	131817	28.109	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	158801	27.478	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	98596	67.396	ug/L	99
42) Toluene	10.386	91	433453	25.583	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	130001	29.142	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	80149	28.525	ug/L	98
46) Tetrachloroethene	10.861	164	86584	24.954	ug/L	94
48) 2-Hexanone	10.965	43	68256	64.437	ug/L	96
49) Dibromochloromethane	11.123	129	89765	29.238	ug/L	93
50) 1,2-Dibromoethane	11.233	107	80806	31.203	ug/L	90
51) Chlorobenzene	11.654	112	297447	26.587	ug/L	98
52) Ethylbenzene	11.727	91	481253	25.199	ug/L	100
53) m,p-Xylene	11.837	106	190714	25.657	ug/L	91
54) o-Xylene	12.160	106	189085	27.156	ug/L	98
55) Styrene	12.178	104	325298	27.654	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	95118	31.400	ug/L	99
59) Bromoform	12.349	173	56274	32.738	ug/L #	96
60) Isopropylbenzene	12.459	105	494740	25.993	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68088	32.121	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	409357	26.770	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	412505	27.188	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	238146	27.274	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	238045	27.891	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	216042	29.029	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.476	75	14189	34.300	ug/L	85
69) 1,3,5-Trichlorobenzene	14.623	180	151617	25.220	ug/L	90
70) 1,2,4-trichlorobenzene	15.123	180	140663	28.496	ug/L	95
71) Naphthalene	15.354	128	270913	33.410	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	123769	29.814	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

